In the claims

Please amend claims 5 and 6 to read as follows:

5. (Amended) A method for determining the phenotype of a test cell from a given tissue, comprising detecting the presence or absence of differential expression, relative to a normal cell of the given tissue type, of at least 5 different genes shown in Table 1,

wherein the presence of differential expression indicates that said test cell has an IBD or pre-IBD phenotype.

6. (Amended) The method of claim 5, wherein said differential expression is upregulation or downregulation by at least a factor of two.

Please add the following new claims:

--19. (New) The method of claim 5, wherein said test cell is an intestinal cell.

20. (New) The method of claim 5, comprising detecting the presence or absence of differential expression of at least 10 different genes shown in Table 1.

21. (New) The method of claim 5, comprising detecting the presence or absence of differential expression of at least 25 different genes shown in Table 1.

22. (New) The method of claim 5, comprising detecting the presence or absence of differential expression of at least 50 different genes shown in Table 1.

23. (New) The method of claim 5, comprising detecting the presence or absence of differential expression of at least 75 different genes shown in Table 1.

24. (New) The method of claim 5, wherein said genes belong to distinct functional classes.

25. (New) The method of claim 5, wherein said detecting comprises *in situ* hybridization.

26. (New) The method of claim 5, wherein said detecting comprises hybridization to nucleic acid probes immobilized on a solid support.

27. (New) The method of claim 26, wherein said nucleic acid probes are immobilized in a two-dimensional array.

28. (New) A method for determining the phenotype of a test cell from a given tissue, comprising detecting the presence or absence of differential expression, relative to a normal cell of the given tissue type, of at least 5 different genes shown in Table 1, said genes belonging to distinct functional classes,

wherein the presence of differential expression indicates that said test cell has an IBD or pre-IBD phenotype.